

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092120\
 Data File : VL035696.D
 Acq On : 21 Sep 2020 21:31
 Operator : SY/AP
 Sample : L3983-05DL2 600X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-11ADL2

Quant Time: Sep 22 11:06:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	998123	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3764710	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.07	117	3805246	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2765238	10.23	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

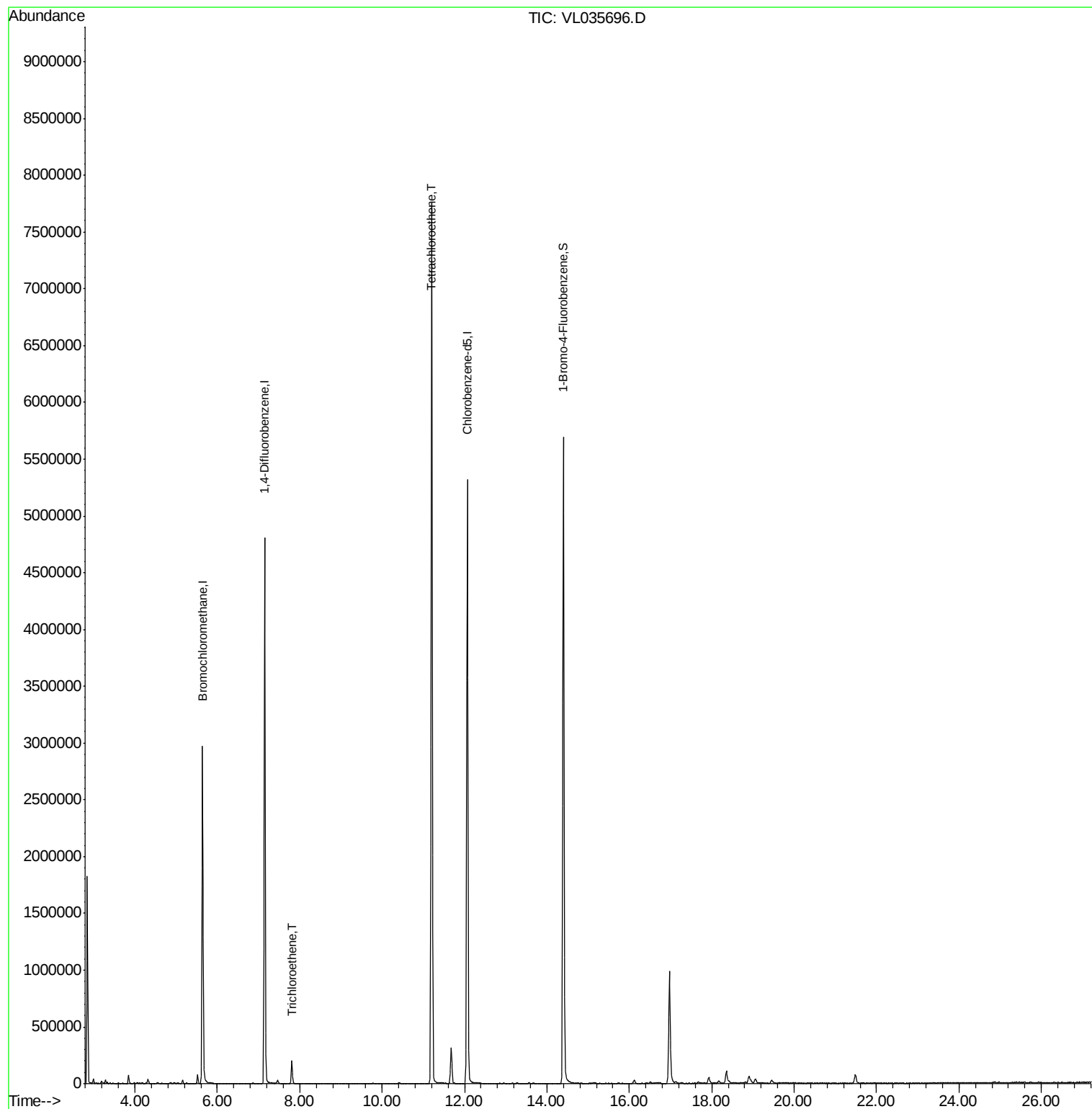
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
38) Trichloroethene	7.81	130	71173	0.503	ppbv	93
52) Tetrachloroethene	11.20	164	2097644	14.734	ppbv	95

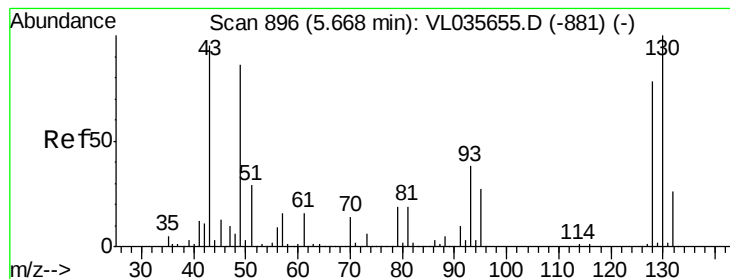
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL035696.D

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Instrument :

MSVOA_L

ClientSampleId :

SV-11ADL2

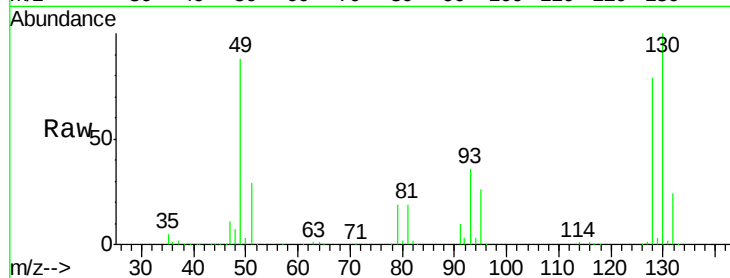
Tot Ion: 49 Resp: 998123

Ion Ratio Lower Upper

49 100

128 86.9 50.0 150.1

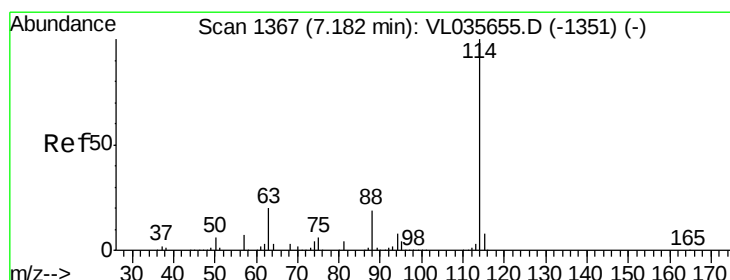
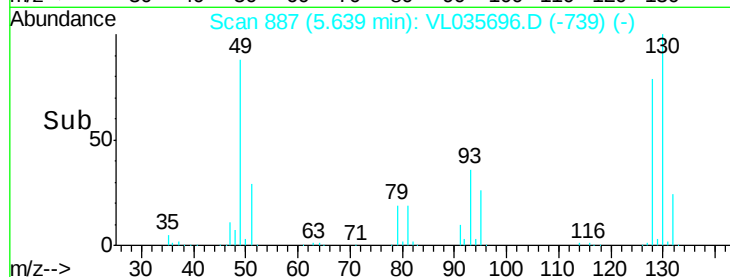
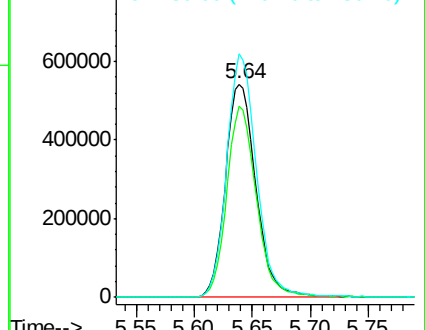
130 111.3 64.4 193.2



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1357

Delta R.T. -0.03 min

Lab File: VL035696.D

Acq: 21 Sep 2020 21:31

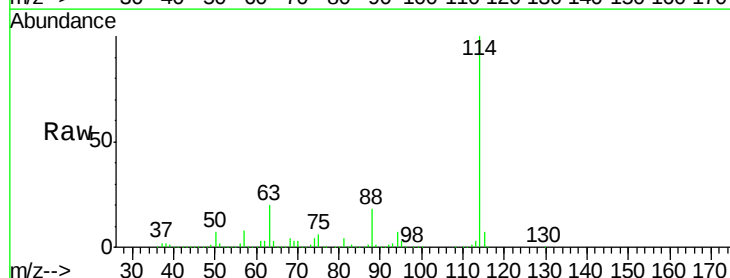
Tgt Ion: 114 Resp: 3764710

Ion Ratio Lower Upper

114 100

63 19.3 14.7 22.1

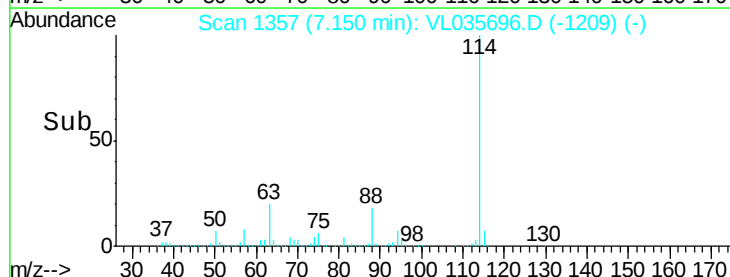
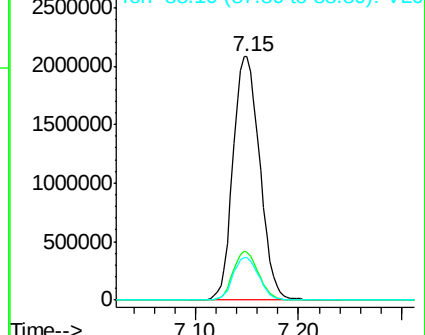
88 17.0 13.4 20.2

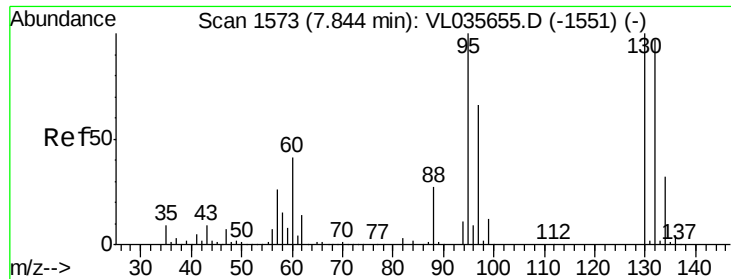


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

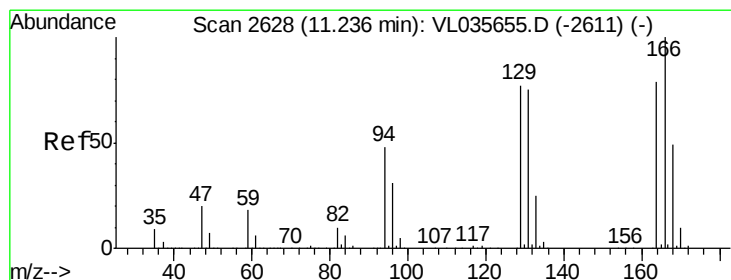
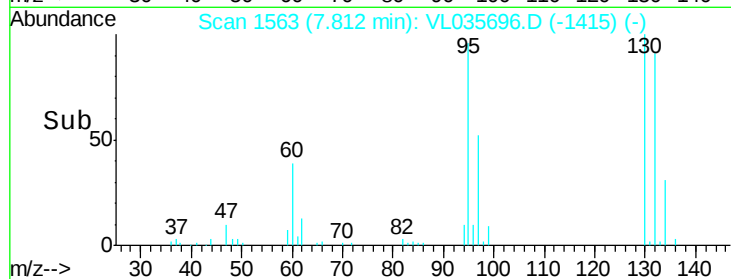
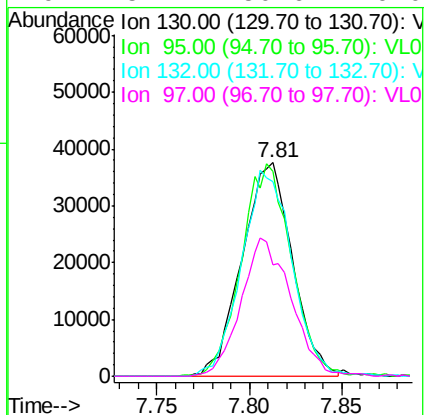
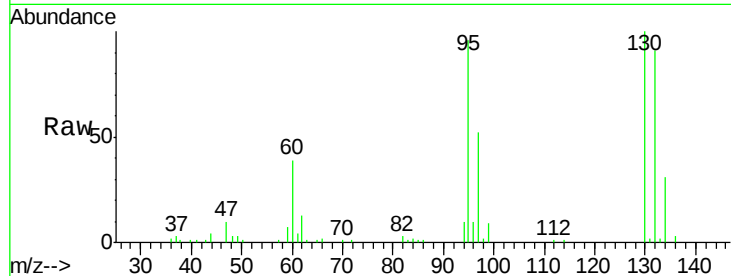




#38
 Trichloroethene
 Concen: 0.503 ppbv
 RT: 7.81 min Scan# 1563
 Delta R.T. -0.03 min
 Lab File: VL035696.D
 Acq: 21 Sep 2020 21:31

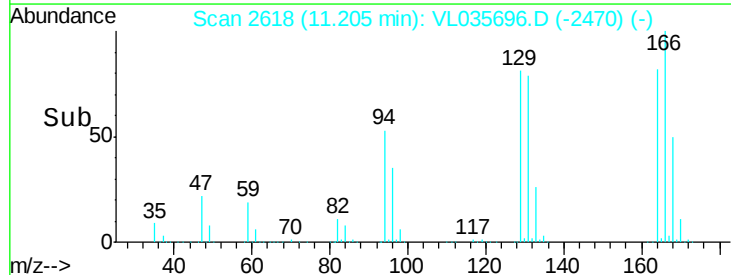
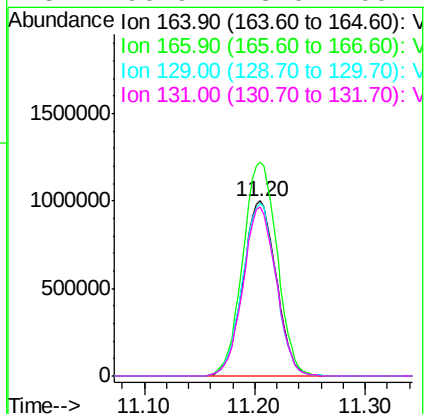
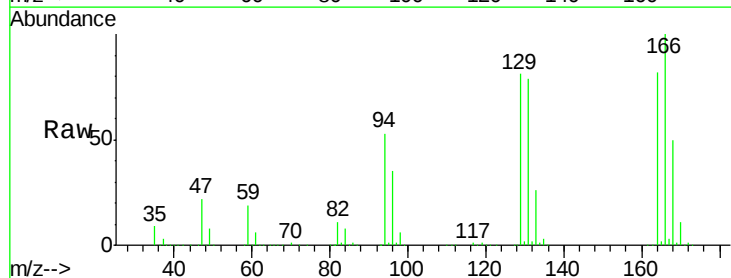
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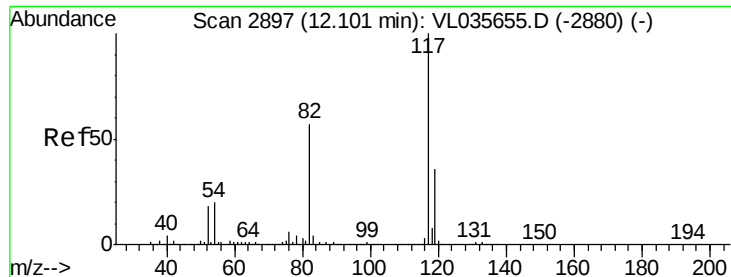
Tot Ion:130 Resp: 71173
 Ion Ratio Lower Upper
 130 100
 95 95.2 74.6 112.0
 132 91.1 77.6 116.4
 97 52.1 50.6 76.0



#52
 Tetrachloroethene
 Concen: 14.734 ppbv
 RT: 11.20 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: VL035696.D
 Acq: 21 Sep 2020 21:31

Tgt Ion:164 Resp: 2097644
 Ion Ratio Lower Upper
 164 100
 166 122.0 100.9 151.3
 129 98.6 75.3 112.9
 131 96.9 73.0 109.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2886

Delta R.T. -0.03 min

Lab File: VL035696.D

Acq: 21 Sep 2020 21:31

Instrument :

MSVOA_L

ClientSampleId :

SV-11ADL2

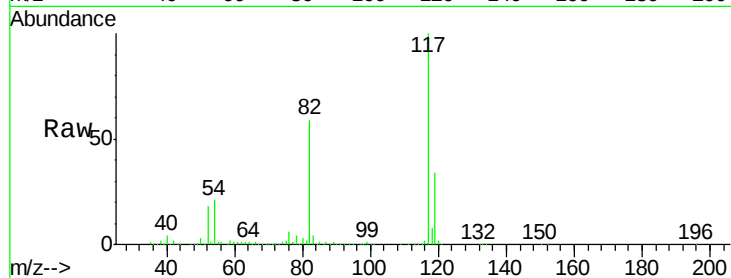
Tot Ion:117 Resp: 3805246

Ion Ratio Lower Upper

117 100

82 57.8 41.6 62.4

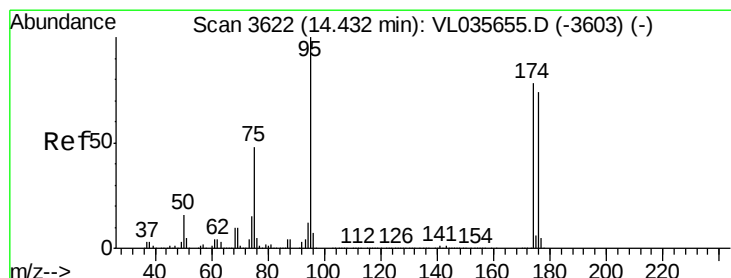
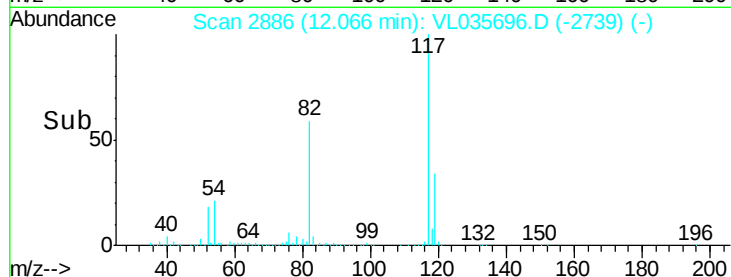
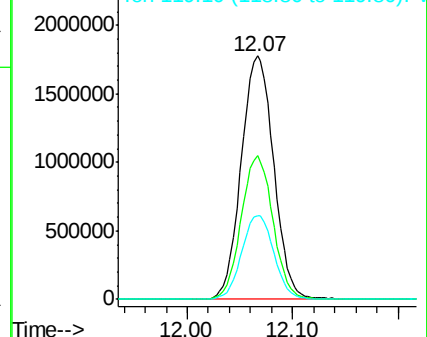
119 34.2 29.3 43.9



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.233 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.03 min

Lab File: VL035696.D

Acq: 21 Sep 2020 21:31

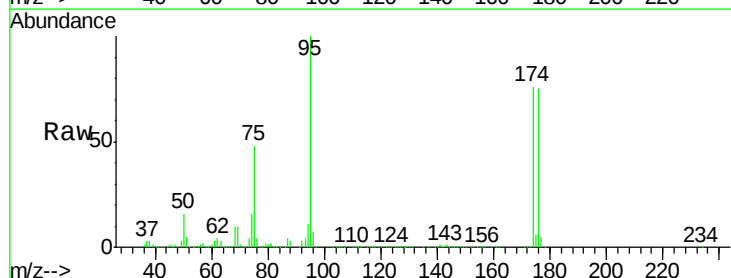
Tgt Ion: 95 Resp: 2765238

Ion Ratio Lower Upper

95 100

174 77.7 69.6 104.4

175 5.5 5.1 7.7



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

